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Substitute for form 1449/PTO

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

<p>Substitute for form 1449/PTO</p> <p>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p> <p>Sheet 1 of 1</p>		<p><i>Complete if Known</i></p> <table border="1"> <tr> <td>Application Number</td> <td>10/690,639</td> </tr> <tr> <td>Filing Date</td> <td>October 23, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>DE SILANES, Juan Lopez</td> </tr> <tr> <td>Art Unit</td> <td>1644</td> </tr> <tr> <td>Examiner Name</td> <td>KIM, Yunsoo</td> </tr> <tr> <td>Attorney Docket Number</td> <td>2399.0010001/JAG/LAV/U-W</td> </tr> </table>		Application Number	10/690,639	Filing Date	October 23, 2003	First Named Inventor	DE SILANES, Juan Lopez	Art Unit	1644	Examiner Name	KIM, Yunsoo	Attorney Docket Number	2399.0010001/JAG/LAV/U-W
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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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				First Named Inventor	DE SILANES, Juan Lopez
				Art Unit	1644
				Examiner Name	KIM, Yunsoo
				Attorney Docket Number	2399.0010001/JAG/LAV

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
	NPL1	Banks, N., "Synopses of North-American Invertebrates. IX. The Scorpions, Solpugids, and Pedipalpi," <i>Am. Nat.</i> 34:421-427, Ginn & Company, Publishers (1900)			
	NPL2	Banks, N., "The Scorpions of California," <i>Pomona College J. Entomol.</i> 2:185-190, The Biological Department of Pomona College (1910)			
	NPL3	Barona, J., <i>et al.</i> , "Aspectos toxinológicos e immunoquímicos del veneno del escorpión <i>Tityus pachyurus</i> Pocock de Colombia: capacidad neutralizante de antivenenos producidos en Latinoamérica, or in English: Toxicological and immunological aspects of scorpion poison (<i>Tytius pachyurus</i>): neutralizing capacity of antipoisons produced in Latin America," <i>Biomédica</i> 24:42-49, Instituto Nacional de Salud (March 2004)			Yes
	NPL4	Unverified English language translation of Barona, J., <i>et al.</i> , "Toxicological and immunological aspects of scorpion poison (<i>Tytius pachyurus</i>): neutralizing capacity of antipoisons produced in Latin America," <i>Biomédica</i> 24:42-49, Instituto Nacional de Salud (March 2004)			
	NPL5	Becerril, B., <i>et al.</i> , "Cloning and characterization of cDNAs that code for Na ⁺ -channel-blocking toxins of the scorpion <i>Centruroides noxioides</i> Hoffman," <i>Gene</i> 128:165-171, Elsevier Science Publishers B.V. (1993)			
	NPL6	Calderon-Aranda, E.S., <i>et al.</i> , "Neutralizing Capacity of Murine Sera Induced by Different Antigens of Scorpion Venom," <i>Toxicon</i> 31:327-337, Pergamon Press, Ltd. (1993)			
	NPL7	Calderon-Aranda, E.S., <i>et al.</i> , "The use of synthetic peptides can be a misleading approach to generate vaccines against scorpion toxins," <i>Vaccine</i> 13:1198-1206, Elsevier Science, Ltd. (1995)			
	NPL8	Couraud, F., <i>et al.</i> , "Two Types of Scorpion Toxin Receptor Sites, One Related to the Activation, the Other to the Inactivation of the Action Potential Sodium Channel," <i>Toxicon</i> 20:9-16, Pergamon Press, Ltd. (1982)			
	NPL9	Curry, S.C., <i>et al.</i> , "Envenomation by the Scorpion <i>Centruroides Scutulatus</i> ," <i>J. Toxicol.-Clin. Toxicol.</i> 21:417-449, Marcel Dekker, Inc. (1983-1984)			
	NPL10	Dehesa-Dávila, M. and Possani, L.D., "Scorpionism and Serotherapy in Mexico," <i>Toxicon</i> 32:1015-1018, Elsevier Science, Ltd. (1994)			
	NPL11	Dehesa-Davila, M., <i>et al.</i> , "Clinical Toxicology of Scorpion Stings," in <i>Handbook of Clinical Toxicology of Animal Venoms and Poisons</i> , Meier, J. and White, J., eds., CRC Press, Boca Raton, LA, pp. 221-238 (1995)			

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Sheet	2	of	4	Filing Date	October 23, 2003
				First Named Inventor	DE SILANES, Juan Lopez
				Art Unit	1644
				Examiner Name	KIM, Yunsoo
				Attorney Docket Number	2399.0010001/JAG/LAV

NON PATENT LITERATURE DOCUMENTS					
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	NPL12	Díaz Nájera, A., "Alacranes de la Republica Mexicana: Identificación de ejemplares capturados en 235 localidades," <i>Rev. Inst. Salubr. Enferm. Trop. (Méx)</i> 24:15-30, Instituto de Salubridad y Enfermedades Tropicales (1964)			Abs
	NPL13	Edman, P. and Begg, G., "A Protein Sequenator," <i>European J. Biochem.</i> 1:80-91, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1967)			
	NPL14	Ewing, H.E., "The Scorpions of the Western Part of the United States, with Notes on Those Occurring in Northern Mexico," <i>Proc. U.S. Natl. Mus.</i> 73:1-24, United States Government Printing Office (1928)			
	NPL15	García, C., <i>et al.</i> , "Isolation, Characterization and Comparison of Novel Crustacean Toxin with a Mammalian Toxin from the Venom of the Scorpion <i>Centruroides noxius Hoffman</i> ," <i>Comp. Biochem. Physiol.</i> 116B:315-322, Elsevier Science, Inc. (1997)			
	NPL16	Gertsch, W.J., "Results of the Puritan-American Museum Expedition to Western Mexico 4. The Scorpions," <i>Am. Mus. Novitates</i> , No. 1903, pp. 1-20, The American Museum of Natural History (1958)			
	NPL17	Hoffman, C.C., "Monografias para la Entomologica Medica de Mexico, Los Scorpiones de Mexico," in: <i>Anales del Instituto de Biologica</i> , Ochoterena, I., ed., Universidad Nacional Autonoma de Mexico, Mexico, pp. 243-361 (1932)			Abs
	NPL18	Johnson, J.D. and Allred, D.M., "Scorpions of Utah," <i>Great Basin Nat.</i> 32:154-170, M.L. Bean Life Science Museum (1972)			
	NPL19	Legros, C., <i>et al.</i> , "Use of fusion protein constructs to generate potent immunotherapy and protection against scorpion toxins," <i>Vaccine</i> 20:934-942, Elsevier Science, Ltd. (December 2002)			
	NPL20	Maraboto Martinez, J.A., <i>et al.</i> , "Panorama Epidemiológico de las Intoxicaciones Causadas por Animales Ponzosos en la Población Derechohabiente del IMSS 1990-1998," in <i>3^a Reunión de Expertos en Envenenamiento por Animales Ponzosos</i> , Instituto de Biotecnología, Universidad Nacional Autónoma de México, Alcapulco, Gro., México (1999)			Yes
	NPL21	English translation of Maraboto Martinez, J.A., <i>et al.</i> , "Intoxications Caused by Poisonous Animals among IMSS Right-Holders, 1990-1998. An Epidemiological overview," in <i>3^a Reunión de Expertos en Envenenamiento por Animales Ponzosos</i> , Instituto de Biotecnología, Universidad Nacional Autónoma de México, Alcapulco, Gro., México pp. 1-14 (1999), translated by Amador Rodriguez, J.C. (December 2004)			
	NPL22	Meeting regarding additional remarks by Dr. Marx on August 4, 1887, <i>Proc. Entomol. Soc.</i> 1:90-94, The Entomological Society (1884-1889)			

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	NPL23	Nonner, W., "Effects of <i>Leiurus</i> Scorpion Venom on the "Gating" Current in Myelinated Nerve," <i>Adv. Cytopharmacol.</i> 3:345-352. Raven Press (1979)			
	NPL24	Possani, L.D., <i>et al.</i> , "Scorpion toxins from <i>Centruroides noxius</i> and <i>Tityus serrulatus</i> ," <i>Biochem. J.</i> 229:739-750, Biochemical Society/Portland Press (1985)			
	NPL25	Possani, L.D., <i>et al.</i> , "Scorpion toxins specific for NA ⁺ channels," <i>Eur. J. Biochem.</i> 264:287-300, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1999)			
	NPL26	Possani, L.D., <i>et al.</i> , "Peptides and genes coding for scorpion toxins that affect ion-channels," <i>Biochimie</i> 82:861-868, Editions Scientifiques Elsevier (2000)			
	NPL27	Stahnke, H.L., "The Scorpions of Arizona," <i>J. Sci. (Iowa State College)</i> 15:101-103, Collegiate Press, Inc. (1940-1941)			
	NPL28	Stahnke, H.L., "Some Observations of the Genus <i>Centruroides</i> Marx (Buthidae Scorpionida) and <i>C. Sculpturatus</i> Ewing," <i>Ent. News</i> 82:281-307, The American Entomological Society (1971)			
	NPL29	Strichartz, G., <i>et al.</i> , "An Integrated View of the Molecular Toxinology of Sodium Channel Gating in Excitable Cells," <i>Ann. Rev. Neurosci.</i> 10:237-267, Annual Reviews, Inc. (1987)			
	NPL30	Suchard, J.R. and Connor, D.A., "Scorpion Envenomation," in: <i>Wilderness Medicine</i> , Auerbach, P.S., ed., Mosby, St. Louis, MO, pp. 839-862 (February 2001)			
	NPL31	Williams, S.C. and Hadley, N.F., "Scorpions of the Puerto Peñasco Area (Cholla Bay), Sonora, Mexico, with Description of <i>Vejovis Baergi</i> , New Species," <i>Proc. California Acad. Sci.</i> 35:103-116, California Academy of Sciences (1967)			
	NPL32	Williams, S.C., "Scorpions of Baja California, Mexico, and Adjacent Islands," <i>Occasional Papers of the California Academy of Sciences</i> , No. 135, pp. 1-127, California Academy of Sciences (1980)			
	NPL33	Wood, H.C., Jr., "Description of New Species of North American Pedipalpi," <i>Proc. Acad. Natl. Sci. Philadelphia</i> 15:107-112, Merrihew & Thompson (1863)			
	NPL34	Wood, H.C., Jr., "Art. VII. On the Pedipalpi of North America," <i>J. Acad. Natl. Sci. Philadelphia</i> 5:357-376, Merrihew & Thompson (1862-1863)			

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	NPL35	Zamudio, F., <i>et al.</i> , "Amino acid sequence and immunological characterization with monoclonal antibodies of two toxins from the venom of the scorpion <i>Centruroides noxius</i> Hoffman," <i>Eur. J. Biochem.</i> 204:281-292, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1992)	
	NPL36	Zlotkin, E. and Shulov, A.S., "Recent Studies on the Mode of Action of Scorpion Neurotoxins. A Review," <i>Toxicon</i> 7:217-221, Pergamon Press (1969)	
	NPL37	Zlotkin, E., <i>et al.</i> , "C. Chemistry and Pharmacology of Buthinae Scorpion Venoms," in: <i>Arthropod Venoms</i> , Bettini, S., ed., Springer-Verlag, Berlin, Germany, pp. 317-369 (1978)	

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